

To: Amy Brackin[abrackin@libertytire.com]
Cc: Janjic, Ksenija[Janjic.Ksenija@epa.gov]
From: Carusiello, Chris
Sent: Tue 11/8/2016 1:56:02 PM
Subject: RE: Quick Call on Synthetic Turf

Great, we will call you then.

Thank you,

Chris Carusiello

From: Amy Brackin [mailto:abrackin@libertytire.com]
Sent: Tuesday, November 08, 2016 8:53 AM
To: Carusiello, Chris <Carusiello.Chris@epa.gov>
Cc: Janjic, Ksenija <Janjic.Ksenija@epa.gov>
Subject: RE: Quick Call on Synthetic Turf

Yep! Let's do 9am if that works. Call me on 302-897-5381

Amy Brackin

Liberty Tire Recycling

Phone: 302.897.5381

Email: abrackin@libertytire.com

Web: www.libertytire.com

"One right and honest definition of business is mutual helpfulness."

– William Feather

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From: Carusiello, Chris [<mailto:Carusiello.Chris@epa.gov>]
Sent: Tuesday, November 08, 2016 8:39 AM
To: Amy Brackin <abrackin@libertytire.com>
Cc: Janjic, Ksenija <Janjic.Ksenija@epa.gov>
Subject: RE: Quick Call on Synthetic Turf

Hi Amy,

Thank you for sending this information. Would 9 or 9:30am work for the call?

Thank you,

Chris Carusiello

From: Amy Brackin [<mailto:abrackin@libertytire.com>]
Sent: Tuesday, November 08, 2016 8:02 AM
To: Carusiello, Chris <Carusiello.Chris@epa.gov>
Cc: Janjic, Ksenija <Janjic.Ksenija@epa.gov>
Subject: RE: Quick Call on Synthetic Turf

FYI - I know this was one of your questions per Ksenija's call.

-

Tufted vs Woven

In a tufted synthetic turf product the face yarns (typically green) are needled into a primary backing fabric or textile.

The tufted products are limited on the number of filaments per tuft. The needle used in tufted synthetic turf products have limitations on how many filaments can be used (punched through and stitched/tufted through the primary backing) at one time. Typically the maximum number of filaments that can be used at one time in a tufted synthetic turf system is eight (8). With tufted turf products different fiber heights are not possible and the tufted products are also limited on how dense the face weights can be.

A woven turf system has enhanced tuft bind (zero fiber loss), up to 40 different filaments can be used per bundle vs the 8 filaments in a tufted product. A woven turf also allows for the final turf product to have various fiber lengths and much higher density vs. tufted products with up to 60,000 denier products.

Amy Brackin

Liberty Tire Recycling

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From: Carusiello, Chris [<mailto:Carusiello.Chris@epa.gov>]
Sent: Thursday, November 03, 2016 5:13 PM
To: Amy Brackin <abrackin@libertytire.com>
Cc: Janjic, Ksenija <Janjic.Ksenija@epa.gov>
Subject: Quick Call on Synthetic Turf

Hi Amy,

Thanks for getting back to us today. I just called and left a voicemail on your machine. Would it be possible to have a 10-minute call Tuesday morning sometime between 8-10am?

Thank you,

Chris Carusiello

Chris Carusiello

U.S. EPA Office of Resource Conservation & Recovery

Industrial Materials Reuse Branch

Tel (703) 308-8757

Carusiello.Chris@epa.gov | [@EPAland](#)